

Message Text

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ORIGIN DOE-15

INFO OCT-01 EA-12 ISO-00 SOE-02 AID-05 CEA-01 CIAE-00
COME-00 DODE-00 EB-08 H-02 INR-10 INT-05 L-03
NSAE-00 NSC-05 OMB-01 PM-05 ICA-20 OES-07 SP-02
SS-15 STR-07 TRSE-00 ACDA-12 /138 R

DRAFTED BY DOE/IP/IA:MSOLIMAN:HG
APPROVED BY OES/NET:MPROCHNIK
DOE/IP/IA:JVANDERRYN
-----096847 241005Z /23
R 232240Z MAY 78
FM SECSTATE WASHDC
TO AMEMBASSY TOKYO

UNCLAS STATE 131453

E.O. 11652:N/A

TAGS: TECH, ENRGY

SUBJECT:REQUEST INFORMATION ON KIMITSU INTEGRATED SYSTEM
(KIIS) USED AT KIMITSU WORKS OF NIPPON STEEL, JAPAN.

1. DOE, OFFICE OF INDUSTRIAL ENERGY CONSERVATION IS IN THE PROCESS OF AWARDING A PROGRAM TO PURDUE UNIVERSITY TO DEVELOP MODELS AND ALGORITHMS NECESSARY FOR HIERARCHICAL COMPUTERIZED CONTROL OF AN INTEGRATED STEEL UNIT FOR ENERGY CONSERVATION PURPOSES.
2. IT HAS BEEN BROUGHT TO OUR ATTENTION THAT A SYSTEM SIMILAR TO THAT BEING CONSIDERED BY DOE IS ALREADY IN EXISTENCE AT THE KIMITSU WORKS OF NIPPON STEEL, LOCATED OUTSIDE TOKYO. THE SYSTEM, KNOWN AS THE KIMITSU INTEGRATED INFORMATION SYSTEM (KIIS), IS A HIERARCHICAL COMPUTERIZED CONTROL SYSTEM FOR THE 10 MILLION TON PER YEAR CRUDE STEEL PLANT. IT IS VERY APPLICABLE TO THE DOE PLANNED EFFORT

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IN THAT KIIS WAS RETROFITTED TO AN EXISTING PLANT AND HAS RESULTED IN INCREASED PRODUCTIVITY AND ENERGY CONSERVATION.

3. REQUEST AVAILABLE INFORMATION ON ENERGY SAVINGS ACHIEVED BY NIPPON STEEL BY THE APPLICATION OF THIS SYSTEM.

4. DOE REPRESENTATIVE AND PERHAPS DR. THEODORE WILLIAMS OF PURDUE UNIVERSITY WOULD LIKE TO VISIT KIMITSU WORKS TO SEE KIIS IN OPERATION. SUCH A VISIT WOULD GIVE VALUABLE DATA FOR DOE PLANNING PURPOSES AND PROVIDE FIRST-HAND KNOWLEDGE OF THE EFFORT REQUIRED TO ACHIEVE SUCH A SYSTEM AND THE BENEFITS TO BE DERIVED FROM IT.

5. PLEASE ADVISE WHETHER ARRANGEMENTS FOR SUCH A VISIT CAN BE MADE. CHRISTOPHER

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: STEEL, INFORMATION SYSTEMS
Control Number: n/a
Copy: SINGLE
Draft Date: 23 may 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 jan 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978STATE131453
Document Source: CORE
Document Unique ID: 00
Drafter: MSOLIMAN:HG
Enclosure: n/a
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Expiration:
Film Number: D780218-0790
Format: TEL
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t19780527/aaaaawpm.tel
Line Count: 72
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Litigation Codes:
Litigation History:
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Message ID: 5e784698-c288-dd11-92da-001cc4696bcc
Office: ORIGIN DOE
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
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Previous Classification: n/a
Previous Handling Restrictions: n/a
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Review Content Flags:
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Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: N/A
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
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Subject: REQUEST INFORMATION ON KIMITSU INTEGRATED SYSTEM (KIIS) USED AT KIMITSU WORKS OF NIPPON STEEL, JAPAN.
TAGS: TECH, ENRG
To: TOKYO
Type: TE
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